Lieberman

Paleobiogeography

Biogeography relates the evolution of the Earth's biota to major episodes in the Earth's history such as climatic changes and plate tectonic events. Furthermore, biogeographic patterns have played a prominent role in the development of the theory of evolution. Thus biogeography has the potential to make important contributions to the field of geobiology.
emphasizes how analytical techniques from phylogenetic biogeography can be applied to the study of patterns in the fossil record. In doing this, it considers the strengths and weaknesses of paleobiogeographic data, the effects of plate tectonic processes (specifically continental rifting and collision) and changes in relative sea levels in terms of how they influence the evolution and distribution of organisms.

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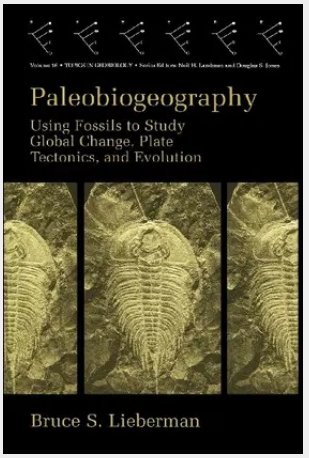

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